PROJECT DESCRIPTION

- I. This portion of the project involves the modification of the existing intersection traffic control signal of MD 201 (Kenilworth Avenue) and Riverdale Road located in Riverdale, Maryland.
- II. This intersection currently operates in six-phase, semi-actuated mode. An alternate pedestrian phase is provided for the north and south legs.

There is currently a full-traffic actuated, eight-phase traffic controller at this intersection which will be utilized.

III. Special Notes

1. Maintenance of traffic will be utilized using the following plates for traffic control: 104.00 - 12, 104.31 - 01, 104.49-01, 104.44-01, 104.45-01, 104.35-01, 104.35-01, 104.33-02, 104.32-02.

Mr. Randy Brown

DESCRIPTION

2. The following are contact persons for District #3:

Mr Charles Watkins Augie Rebish
District Engineer District Utilities Engineer
301-513-7311 301-513-7350

Assistant District Engineer Asst. District Engineer-Maintenance 301-713-7358 Asst. District Engineer-Maintenance

Mr. Richard Daff

Mr. Majid Shakib

CODE QUANTITY UNITS

Chief, Traffic Operations Division 410-787-7630

EQUIPMENT LIST

A. Equipment to be supplied by the Administration.

973023	21	SF	813	Sheet aluminum signs consisting of:
	1	EA	xxx	D-3, (VAR x 16") - "Riverdale Road" - mast arm mount
	2	EA	xxx	R10-12, (24" x 30") - "Left Turn Yield on Green" - Mast Arm Mount

EQUIPMENT LIST

350

LF

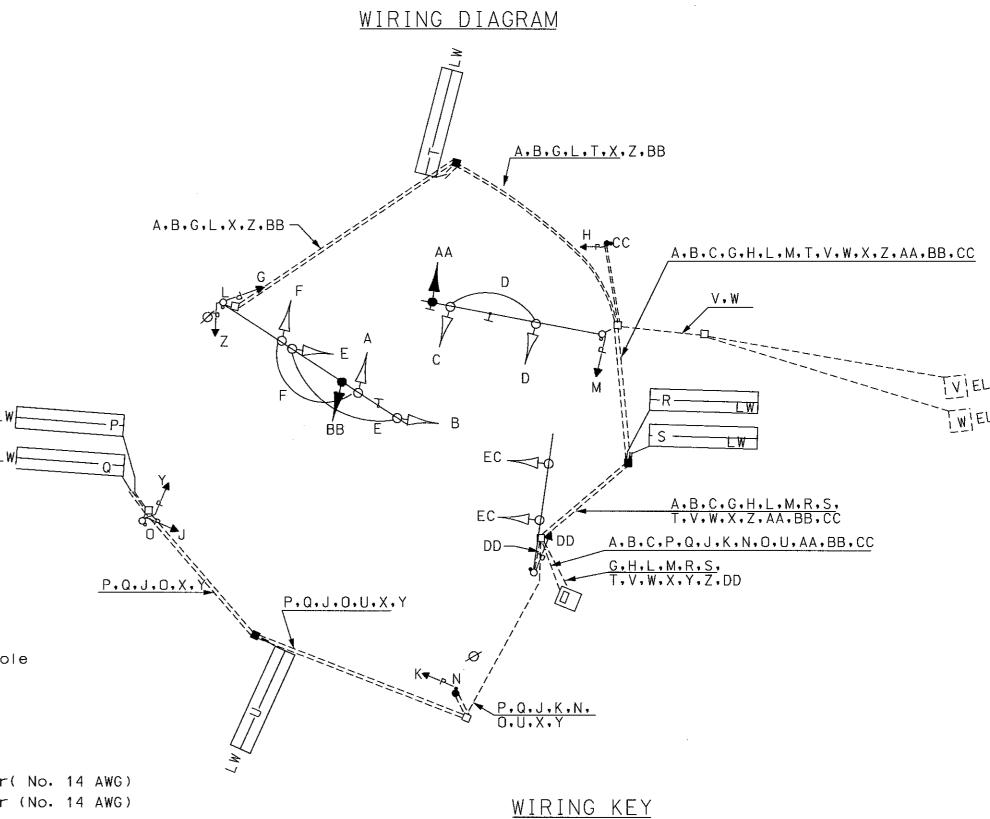
832020

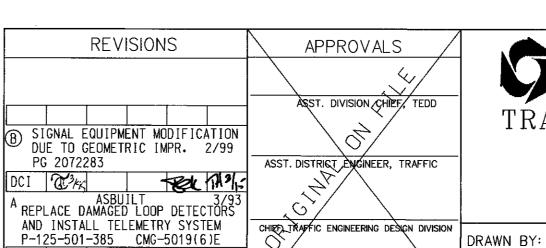
B. Equipment to be Furnished and/or Installed by the Contractor CATEGORY CODE SECTION DESCRIPTION QUANTITY UNITS 120510 EΑ Maintenance of Traffic 203030 CY Test Pit Excavation 150 585416 L.F Furnish and install 24 in. white reflective thermoplastic pavement markings 585414 450 Furnish and install 12 in. white LF reflective thermoplastic pavement markings 805150 240 LF Furnish and install 3 in. schedule 80 rigid PVC conduitslotted 800000 40 LF Furnish and install 2 in. schedule 80 rigid PVC conduittrenched 811001 3 EA 811 Furnish and install electrical handhole 861107 80 LF Furnish and install electrical cable - 5 conductor (No. 14 AWG) 801004 CY Furnish and install concrete for signal foundation SF 813015 21 Install overhead sign EΑ Remove existing handhole 811002 3 862102 680 LF Furnish and install sawcut for signal loop detector 862101 2750 LF Furnish and install loop wire No. 14 AWG - THWN 750 Furnish and install electrical cable - 2 conductor, (No. 14 AWG) - (Aluminun Shielded) 805 Furnish and install 1 in. liquid tight flexible non-metallic conduit sleeve for loop wire. EΑ Furnish and install 10 foot breakaway pedestal pole 829 Furnish and install breakaway 821003 EΑ base support system for signal structure 837001 EΑ Furnish and install ground rod-3/4 in. diameter x 10 ft. length 861105 530 LF Furnish and install electrical cable- 2 conductor(No. 14 AWG) 980 861106 LF Furnish and install electrical cable- 3 conductor (No. 14 AWG) 861108 860 LF Furnish and install electrical cable- 7 conductor (No. 14 AWG) 810006 350 L.F Furnish and Install ground wire- 1 conductor (No. 6 AWG) solid 800000 EΑ Furnish and Install 12"/8" 1 way 5 section (R,Y,G,YA,GA) polycarbonate signal head- mast arm mount 860148 EΑ Furnish and Install 12" 1 way 2 section pedestrian signal head-pedestal mount

Furnish and Install No. 6 AWG stranded bare copper ground wire

PHASING CHART

NO CHANGE





DIRECTOR, OFFICE OF TRAFFIC & SAFETY SCALE:

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

A,B,C,AA,BB= 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

D.E.F = 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

L,N,O,CC= 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

STRANDED BARE COPPER GROUND WIRE

FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

P-W= 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

X= 1 CONDUCTOR ELECTRICAL CABLE (NO. 6 AWG)

FOR TRAFFIC SIGNAL HEAD

G.H.J.K.M.Y.Z.DD= 3 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR PEDESTRIAN SIGNAL HEAD

FOR PEDESTRIAN PUSHBUTTON

ALUMINUM SHIELDED

LW= LOOP WIRE

EL = EXISTING LOOP EC = EXISTING CABLE

TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET

GENERAL INFORMATION SHEET

MD 201 (KENILWORTH AVE) AT

RIVERDALE ROAD

DRAWN BY: B. THOMPSON | F.A.P. NO. | 000-000-000 | PLAN | SHEET NO. | SCALE: | 1"=20" | COUNTY | PRINCE GEORGE'S | 708 B | 87

FHW A STATE

SEE BELOW

REGION NO.